

Lesson 5: Geographic Features and Landforms in the Eastern Hemisphere

Overview:

Students will explore the various landforms that exist on Earth and discuss their impact on animals and human kind. They will select six landforms found in the Eastern Hemisphere and create a PowerPoint Presentation about them. An on-line quiz on landforms is available.

Suggested time allowance: 3 class periods

Standards:

- SS.3.2: Geography requires the development and application of the skills of asking and answering geographic questions; analyzing theories of geography; and acquiring, organizing, and analyzing geographic information.
- L.6.4: Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on *grade 6 reading and content*, choosing flexibly from a range of strategies.
- RH.6.7: Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.
- WHST.6-8.6: Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently.

Enduring Understanding:

- Geography affects the life and the development of a civilization

Essential Unit Question:

- How have landforms influenced the development of eastern civilizations?

Resources/Materials for this lesson:

- “Illustrated Glossary: Landforms and Bodies of Water.” *Enchanted Learning*.
<http://www.enchantedlearning.com/geography/landforms/glossary.shtml> November 17, 2010.
Definitions and pictures of the features.(no subscription)
- “Surface of the Earth”. *National Geographic*.
<http://science.nationalgeographic.com/science/earth/surface-of-the-earth> November 16, 2010.
Definitions and pictures of the features. (no subscription)
- “Landforms” *Southern Kings Consolidated School District*.
<http://www.edu.pe.ca/southernkings/landforms.htm> November 16, 2010. Definition and pictures of the features. (no subscription)
- “Geographic Landform Definitions” (included)
- Geographic Landforms Flow Chart (included)

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- Rubric for PowerPoint (included)
- “Planet Earth: Deserts: Sahara Sandstorm.” *Discovery Channel*.
<http://dsc.discovery.com/videos/planet-earth-deserts-sahara-sandstorm.html>
- “Mountains.” <http://dsc.discovery.com/videos/planet-earth-mountains-on-the-edge.html>
- “Planet Earth: Plains: Following the Caribou.” *Discovery Channel*.
<http://dsc.discovery.com/videos/planet-earth-plains-following-the-caribou.html> November 16, 2010 . No subscription necessary
- “Flashcards: 6th Grade Landforms” *Quizlet*. <http://quizlet.com/1210808/6th-grade-landforms-flash-cards/> November 16, 2010. Flashcards and quizzes of vocabulary. (no subscription)
- “Geography Illustrated Glossary” *SS/ELA Curriculum Third Grade*.
<http://pnwboces.org/ssela/ThirdGrade/>
- “Mount Everest.” *BrainPop*.
<http://www.brainpop.com/socialstudies/geography/mounteverest/preview.weml>.
(Subscription required; 30 day trial available)

Activities/Procedures:

Day 1

1. Do Now: Imagine you have to survive along the Hudson River. You have no modern technologies. How would you get food? Would your source of food change throughout the seasons? What would you be eating? What would your home be built out of? Clothing?
2. What are landforms/geographic features? Distribute “Geographic Landforms.” (included)
Definition: Landforms are geographic features that can be found on the Earth. These features influence the development of civilizations or prevent civilizations from forming.
3. Ask, “How do geographic features influence animals.” Project the following video clips.
 - Desert: <http://dsc.discovery.com/videos/planet-earth-deserts-sahara-sandstorm.html>
 - Mountains <http://dsc.discovery.com/videos/planet-earth-mountains-on-the-edge.html>
 - Plains <http://dsc.discovery.com/videos/planet-earth-plains-following-the-caribou.html>
4. Have the students complete “Geographic Landforms Flow Chart” (included) and discuss the influence of landforms on animals vs. humankind.
5. For homework students might go to <http://quizlet.com/1210808/6th-grade-landforms-flash-cards/> to further study the landforms provided. If the students do not have access to technology, print out the Illustrated Glossary Grade 3 Geography Unit from <http://pnwboces.org/ssela/ThirdGrade/> and distribute.

Day 2

1. Ask, what problems do people encounter when climbing Everest?
If possible, Watch “Mount Everest.” video
<http://www.brainpop.com/socialstudies/geography/mounteverest/preview.weml> Note that landforms and climate have a tremendous effect of the lives of human beings.
2. Pre-load the websites on landforms listed under Resources.

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3. Tell the students that they will create a PowerPoint presentation for six of the geographic features found in the Eastern Hemisphere. Each slide will include one geographic feature. Each slide will include the feature name on top, the definition of the feature, the location where it is found in the Eastern Hemisphere, a picture of the landform, and a prediction about how the geographic feature impacts the lives of people living near it.

Day 3

1. Students will present their PowerPoint presentations to the class.

Evaluation/Assessment:

- If technology allows, in-class test on landforms on *Quizlet* <http://quizlet.com/1210808/6th-grade-landforms-flash-cards/>
- PowerPoint presentation Rubric (included)